

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference K 3151	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/ 09247	International filing date (day/month/year) 20/08/2003	(Earliest) Priority Date (day/month/year) 23/08/2002
Applicant DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES....		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

A PHARMACEUTICAL PREPARATION CONTAINING PALLADIUM COMPLEX COMPOUNDS AND THE USES THEREOF FOR TREATING CANCER AND AUTOIMMUNE DISEASE

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09247

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61P35/00 A61P37/06 A61K31/555 A61K31/52 A61K31/435
 A61K31/164 A61K39/395 A61K38/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61P A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, SCISEARCH, MEDLINE, EMBASE, BIOSIS, WPI Data, EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SCENEY C.H., ET AL.: "Palladium xanthate complexes" CHEMICA SCRIPTA, vol. 6, no. 1, 1974, pages 47-48, XP008014502 cited in the application table 1	1-8
X	WATT G:W., ET AL.: "The synthesis and characterization of methyl and ethylxanthato complexes of Pt(II), Pd(II), Ni(II), Cr(III) and Co(III)." J. INORG. NUCL. CHEM., vol. 27, 1965, pages 898-900, XP008014517 cited in the application the whole document	1-8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

6 November 2003

Date of mailing of the international search report

12/11/2003

Name and mailing address of the ISA

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van der Kooij, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 83/09247

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SCENEY, C.G., ET AL: "Thermal studies on palladium alkyl xanthates" THERMOCHIMICA ACTA, vol. 6, no. 1, 1973, pages 111-117, XP008014512 cited in the application the whole document	1-8
Y	WO 00 10543 A (DEUTSCHES KREBSFORSCH ;RUPRECHT KARLS UNI HEIDELBERG (DE); SCHILLI) 2 March 2000 (2000-03-02) the whole document	1-12
Y	US 5 679 697 A (GARNETT MERRILL) 21 October 1997 (1997-10-21) column 1, line 13 - line 18 claims 1,10	1-12
Y	DATABASE WPI Section Ch, Week 199919 Derwent Publications Ltd., London, GB; Class B06, AN 1999-226104 XP002233103 & JP 11 060493 A (TSUKIJI E), 2 March 1999 (1999-03-02) abstract	1-12
Y	WO 96 40170 A (PROCEPT INC) 19 December 1996 (1996-12-19) claims 2,3,13	1-12
A	DE 36 25 948 A (MERZ & CO GMBH & CO) 19 February 1987 (1987-02-19) claims 1-18	1-12
A	DE 31 46 772 A (MERZ & CO GMBH & CO) 2 September 1982 (1982-09-02) claims 1-3 page 4, paragraph 4 page 6, paragraph 2	1-12
A	DE 41 15 559 A (DEUTSCHES KREBSFORSCH) 21 November 1991 (1991-11-21) claims 1-18	1-12

D1

32

D3

INTERNATIONAL SEARCH REPORT

International application No.
EP 03/09247

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 9-11 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/E 8/09247

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0010543	A	02-03-2000	AT 241975 T AU 1028600 A BR 9913321 A CA 2341701 A1 CN 1398183 T CZ 20010569 A3 WO 0010543 A2 DE 19940407 A1 DE 59905863 D1 DK 1107751 T3 EP 1107751 A2 HU 0103262 A2 JP 2002523361 T NO 20010907 A NZ 509529 A PL 346643 A1 US 2002004526 A1	15-06-2003 14-03-2000 15-05-2001 02-03-2000 19-02-2003 12-09-2001 02-03-2000 09-03-2000 10-07-2003 29-09-2003 20-06-2001 28-12-2001 30-07-2002 25-04-2001 25-07-2003 25-02-2002 10-01-2002
US 5679697	A	21-10-1997	US 5463093 A AU 1180795 A CA 2176603 A1 DE 69432429 D1 EP 0730449 A1 WO 9514466 A1 US 5776973 A	31-10-1995 13-06-1995 01-06-1995 08-05-2003 11-09-1996 01-06-1995 07-07-1998
JP 11060493	A	02-03-1999	NONE	
WO 9640170	A	19-12-1996	WO 9640170 A2	19-12-1996
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/E 3/09247

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		JP 1482225 C	27-02-1989
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		SE 8107022 A	27-05-1982
		SG 29285 G	15-11-1985
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		YU 278281 A1	29-02-1984
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		AU 7870791 A	10-12-1991
		CA 2064067 A1	16-11-1991
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